

03/27/2006 13:25 FAX

MERCHANT & GOULD

RECEIVED
CENTRAL FAX CENTER

003/007

MAR 27 2006

Sheet 1 of 3

Date Mailed: FEBRUARY 13, 2004

FORM 1449 ^a INFORMATION DISCLOSURE STATEMENT (IN AN APPLICATION) (Use several sheets if necessary)		Docket Number: 163.I204USC3	Application Number: 10/714,355
		Applicant: LENTSCH ET AL	
		Filing Date: 11/14/2003	Group Art Unit: 1751

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	PILING DATE IF APPROPRIATE
<i>dmt</i>	1,580,576	04/13/1926	Weidner			
	1,949,264	02/27/1934	Bagley			
	2,412,819	12/17/1946	MacMahon			
	2,920,417	01/12/1960	Wentheimer			
	2,927,900	03/08/1960	Shiraclif			
	2,987,483	06/06/1961	Brooker			
	3,048,548	08/07/1962	Martin et al.			
	3,306,858	02/28/1967	Oberle			
	3,334,147	08/01/1967	Brunelle et al.			
	3,351,558	11/07/1967	Zimmerer			
	3,382,178	05/07/1968	Lissant et al.			
	3,390,092	06/25/1968	Kearst et al.			
	3,390,093	06/25/1968	Feuerstein et al.			
	3,392,121	07/09/1968	Godge III			
<i>✓</i>	3,441,511	04/29/1969	Ortalek et al.			
	3,442,243	05/06/1969	Lashayev et al. not related			
<i>dmt</i>	3,491,028	01/20/1970	Crotty et al.			
<i>✓</i>	3,557,003	01/19/1971	Morris et al.			
	3,582,003	06/21/1967	Morris et al. duplicate			
<i>dmt</i>	3,639,286	02/01/1972	Ballestra et al.			
	3,790,482	02/05/1974	Jones, et al.			
	3,816,320	06/11/1974	Corliss			
	3,846,346	11/05/1974	Conn			
	3,856,932	12/24/1974	May			
	3,887,614	06/03/1975	Suzuki et al.			
	3,899,436	08/12/1975	Copeland et al.			
	3,933,670	01/20/1976	Brill et al.			
	3,936,386	02/03/1976	Corliss			
	3,941,710	03/02/1976	Gilbert et al.			
<i>✓</i>	3,961,754	06/08/1976	Kuhns et al.			

EXAMINER	<i>Laura M. Dwyer</i>	DATE CONSIDERED	5-9-06
----------	-----------------------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PAGE 371 RCVD AT 3/27/2006 2:27:08 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-3/17 * DNI:2738300 * CSID: * DURATION (mm:ss):02:00

^aInformation Disclosure Statement Form (PTO-1449)

Date Mailed: FEBRUARY 13, 2004

Sheet 2 of 5

FORM 1449 ^a INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)				Docket Number: 163.1204USC3	Application Number: 10/714,355
				Applicant: LENTSCH ET AL.	
				Filing Date: 11/14/2003	Group Art Unit: 1751

3,985,669	10/12/1976	Kummel et al.			
4,000,080	12/28/1976	Bartolotta et al.			
4,072,621	02/07/1978	Rose			
4,083,795	04/11/1978	Joubert			
4,105,573	08/08/1978	Jacobsen			
4,147,650	04/03/1979	Sabatelli et al.			
4,148,603	04/10/1979	Schwugor et al.			
4,211,517	07/08/1980	Schmid			
4,212,761	07/15/1980	Ciacio			
4,216,125	08/05/1980	Campbell et al.			
4,219,436	08/26/1980	Gromer et al.			
4,238,345	12/09/1980	Guilbert			
4,243,543	01/06/1981	Guilbert et al.			
4,261,868	04/14/1981	Horn et al.			
4,268,406	05/19/1981	O'Brien et al.			
4,274,975	06/23/1981	Corkill et al.			
4,276,205	06/30/1981	Ferry			
4,284,532	08/18/1981	Leikhim et al.			
4,329,246	03/11/1982	Gilbert et al.			
4,348,293	09/07/1982	Clarke et al.			
4,359,413	11/16/1982	Ward et al.			
4,416,793	11/22/1983	Barret et al.			
4,426,362	01/17/1984	Copeland et al.			
4,474,976	10/02/1984	Falypak			
4,481,167	11/06/1984	Ginter et al.			
4,537,706	08/27/1985	Severson, Jr.			
4,587,031	03/06/1986	Knuss et al.			
4,594,175	06/10/1986	Copeland			
4,595,520	06/17/1986	Hillis et al.			
4,603,509	08/12/1986	Corkill et al.			
4,608,189	08/26/1986	Koob et al.			
4,618,914	10/21/1986	Sam et al.			

EXAMINER	Xann M. Denyon	DATE CONSIDERED	5-9-06
----------	----------------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: FEBRUARY 13, 2004

Sheet 3 of 5

FORM 1449 ^a INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 163-1204USC3	Application Number: 10/714,355
		Applicant: LENTSCH ET AL.	
		Filing Date: 11/14/2003	Group Art Unit: 1751

4,664,848	05/21/1987	Oh et al.	
4,677,130	06/30/1987	Puzig	
4,680,134	07/14/1987	Heile et al.	
4,687,121	08/18/1987	Copeland	
4,692,494	09/08/1987	Sonenstein	
4,695,284	09/22/1987	Hight	
4,698,181	10/06/1987	Lewis	
4,715,979	12/29/1987	Moore et al.	
4,725,376	02/16/1988	Copeland	
4,733,755	06/28/1988	Gansser	
Re. 32,763	10/11/1988	Fernholz et al.	
Re. 32,818	01/03/1989	Fernholz et al.	
4,826,661	05/02/1989	Copeland et al.	
4,836,951	06/06/1989	Tenen et al.	
4,845,965	07/11/1989	Copeland et al.	
4,846,993	07/11/1989	Lenach et al.	
4,858,449	08/22/1989	Lehn	
4,983,315	01/05/1991	Glogowski et al.	
5,019,292	05/28/1991	Bauck	
5,034,147	07/23/1991	Ramachandran	
5,061,392	10/29/1991	Bruegge et al.	
5,064,561	11/12/1991	Rouillard	
5,078,301	01/07/1992	Gladfelter et al.	
5,080,819	01/14/1992	Morganson et al.	
5,118,426	06/02/1992	Duncan et al.	
5,122,538	06/15/1992	Lokkesmoe et al.	
5,173,307	12/22/1992	Drapier et al.	
5,223,179	06/29/1993	Connor et al.	
5,234,719	08/10/1993	Richer et al.	
5,254,287	10/19/1993	Deleeww et al.	
5,290,496	03/01/1994	Cardick et al.	
5,292,325	03/08/1994	Brenden et al.	

EXAMINER	down m. down	DATE CONSIDERED	5-9-06
----------	--------------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: FEBRUARY 13, 2004

Sheet 4 of 5

FORM 1449 [*] INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)		Docket Number: 163.1204USCJ	Application Number: 10714,355
		Applicant: LENTSCH ET AL.	
		Filing Date: 11/14/2003	Group Art Unit: 1751

<i>dark</i>	5,312,561	05/17/1994	Hoshino et al.		
	5,316,588	05/31/1994	Gladfelter et al.		
	5,358,653	10/25/1994	Gladfelter et al.		
	5,382,377	01/17/1995	Raebus et al.		
	5,407,700	04/18/1995	Man et al.		
	5,419,850	05/30/1995	Buckles et al.		
	5,447,648	09/03/1995	Steindorf		
	5,451,336	09/19/1995	Schwendike et al.		
	5,474,698	12/12/1995	Roland et al.		
	5,494,817	02/27/1996	Chen		
	5,516,449	05/14/1996	Agar et al.		
	5,559,089	09/24/1996	Hartman et al.		
	5,578,134	11/26/1996	Lentsch et al.		
	5,650,017	07/22/1997	Gordon et al.		
	5,663,694	09/09/1997	Buckles et al.		
	5,691,292	11/25/1997	Marshall et al.		
	5,763,378	06/09/1998	Painter et al.		
	5,858,117	01/12/1999	Oakes et al.		
	5,858,299	01/12/1999	Fernholz et al.		
	5,861,366	01/19/1999	Ihns et al.		
	5,876,514	03/02/1999	Roland et al.		
	5,990,068	11/23/1999	Brouwer et al.		
	6,008,174	12/28/1999	Brouwer et al.		
	6,017,864	01/25/2000	Brittain et al.		
	6,060,444	05/09/2000	Sebulix et al.		
	6,136,769	10/24/2000	Asano et al.		
<i>dark</i>	6,156,394 <i>7/15</i>	12/0/2000	Lentsch et al.		
<i>dark</i>	6,177,392	01/23/2001	Lentsch et al.		

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
<i>dark</i>	2810999	09/21/1978	DE			X	

EXAMINER *Donna M. Dearyon*

DATE CONSIDERED

5-9-06

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: FEBRUARY 13, 2004

Sheet 5 of 5

FORM 1449* INFORMATION DISCLOSURE STATEMENT		Docket Number: 163-1204US3	Application Number: 10/714,355
IN AN APPLICATION (Use several sheets if necessary)		Applicant: LENTSCH ET AL.	
		Filing Date: 11/14/2003	Group Art Unit: 1751

<i>dmt</i>	0 161 596 A2	11/21/1985	EP				X
	0 363 852 A1	04/18/1990	EP				
	0 364 840 A1	04/25/1990	EP				
	0 364 840 B2	08/05/1992	EP				
	0 501 375 A1	09/02/1992	EP				
	687,075	02/04/1953	GB				
	1 596 756	08/26/1981	GB				
	2 271 120 A	04/06/1994	GB				
	61-87800	05/06/1986	JP			X	
	9-217100	08/19/1997	JP				Abstract
	9217100 A	08/19/1997	JP				
	WO 92/02611	02/20/1992	PCT				
	WO 92/13061	08/06/1992	PCT				
	WO 93/21299	10/28/1993	PCT				
	WO 95/18213	07/06/1995	PCT				
	WO 96/06910	03/07/1995	PCT				
	WO 96/08555	03/21/1996	PCT				
	WO 96/41859	12/27/1996	PCT				
	WO 97/02753	01/30/1997	PCT				
	WO 97/05226	02/13/1997	PCT				
	WO 97/07190	02/27/1997	PCT				
<i>dmt</i>	WO 98/54283	03/12/1998	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>dmt</i>		"Hawley's Condensed Chemical Dictionary", Twelfth Edition, revised by Richard J. Lewis, Sr., Copyright © 1993 by Van Nostrand Reinhold, pg. 176.



EXAMINER	<i>dmn m. Dayton</i>	DATE CONSIDERED	5-9-06
----------	----------------------	-----------------	--------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: FEBRUARY 13, 2004

Sheet 1 of 5

FORM 1449 [*] INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number: 163-1204USC3	Application Number: 10/714,355
			Applicant: LENTSCH ET AL	
			Filing Date: 11/14/2003	Group Art Unit: 1751

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1,580,576	04/13/1926	Weidner			
	1,949,264	02/27/1934	Bagley			
	2,412,819	12/17/1946	MacMahon			
	2,920,417	01/12/1960	Wertheimer			
	2,924,900	03/08/1960	Shireff			
	2,987,463	06/06/1961	Brooker			
	3,048,548	08/07/1962	Martin et al.			
	3,306,858	02/28/1967	Oberle			
	3,334,147	08/01/1967	Brunelle et al.			
	3,351,558	11/07/1967	Zimmerer			
	3,382,178	05/07/1968	Liasant et al.			
	3,390,092	06/23/1968	Kead et al.			
	3,390,093	06/23/1968	Feierstein et al.			
	3,392,121	07/09/1968	Gedge III			
	3,441,511	04/29/1969	Ornalek et al.			
	3,442,242	05/06/1969	Laskey et al.			
	3,491,028	01/20/1970	Cuddy et al.			
	3,557,003	01/19/1971	Morris et al.			
	3,557,003	06/21/1967	Morris et al.			
	3,639,286	02/01/1972	Ballestra et al.			
	3,790,482	02/05/1974	Jones, et al.			
	3,816,320	06/11/1974	Corliss			
	3,846,346	11/05/1974	Conn			
	3,856,932	12/24/1974	May			
	3,887,614	06/03/1975	Suzuki et al.			
	3,899,436	08/12/1975	Copehand et al.			
	3,933,670	01/20/1976	Brilli et al.			
	3,936,386	02/03/1976	Corliss			
	3,941,710	03/02/1976	Gilbert et al.			
	3,961,754	06/09/1976	Kuhns et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: FEBRUARY 13, 2004

Sheet 2 of 3

FORM 1449 ^a INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number: 163.1204USC3	Application Number: 10/714,353
			Applicant: LENTSCH ET AL	
			Piling Date: 11/14/2003	Group Art Unit: 1751

3,985,669	10/12/1976	Krummel et al.			
4,000,080	12/28/1976	Banholzis et al.			
4,072,621	02/07/1978	Rose			
4,083,793	04/11/1978	Joubert			
4,105,573	08/08/1978	Jacobsen			
4,147,650	04/03/1979	Sabatelli et al.			
4,148,603	04/10/1979	Schwager et al.			
4,211,517	07/08/1980	Schmid			
4,212,761	07/13/1980	Ciacio			
4,216,125	08/05/1980	Campbell et al.			
4,219,436	08/26/1980	Groener et al.			
4,238,345	12/09/1980	Guilbert			
4,243,543	01/06/1981	Guilbert et al.			
4,261,868	04/14/1981	Hora et al.			
4,268,406	05/19/1981	O'Brien et al.			
4,274,975	06/23/1981	Corbitt et al.			
4,276,205	06/30/1981	Ferry			
4,284,532	08/18/1981	Leikhim et al.			
4,329,246	05/11/1982	Gilbert et al.			
4,348,293	09/07/1982	Clarke et al.			
4,359,413	11/16/1982	Ward et al.			
4,416,793	11/22/1983	Barrat et al.			
4,426,362	01/17/1984	Copehand et al.			
4,474,976	10/02/1984	Fahynek			
4,481,167	11/06/1984	Ginter et al.			
4,537,706	08/27/1985	Severson, Jr.			
4,587,031	05/06/1986	Kruze et al.			
4,594,175	06/10/1986	Copehand			
4,595,520	06/17/1986	Heile et al.			
4,605,309	08/12/1986	Corkill et al.			
4,609,189	08/26/1986	Koch et al.			
4,618,914	10/21/1986	Sato et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: FEBRUARY 13, 2004

Sheet 3 of 5

FORM 1449 [*] INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)				Docket Number: 163.I204USCJ	Application Number: 10/714,355
				Applicant: LENTSCH ET AL.	
				Filing Date: 11/14/2003	Group Art Unit: 1751

4,664,848	05/2/1987	Ob et al.			
4,677,130	06/30/1987	Purig			
4,680,134	07/14/1987	Heile et al.			
4,687,121	08/18/1987	Copehand			
4,692,494	09/08/1987	Sonenstein			
4,695,284	09/22/1987	Hight			
4,698,181	10/06/1987	Lewis			
4,715,979	12/29/1987	Moore et al.			
4,725,376	02/16/1988	Copeland			
4,753,755	06/28/1988	Gausser			
Re. 32,763	10/11/1988	Fernholz et al.			
Re. 32,818	01/03/1989	Fernholz et al.			
4,826,661	05/02/1989	Copehand et al.			
4,836,951	06/06/1989	Totten et al.			
4,845,965	07/11/1989	Copehand et al.			
4,846,993	07/11/1989	Lentsch et al.			
4,858,449	08/22/1989	Lehn			
4,983,315	01/08/1991	Glogowski et al.			
5,019,292	05/28/1991	Bauck			
5,034,147	07/23/1991	Ramachandran			
5,061,392	10/29/1991	Bruegge et al.			
5,064,561	11/12/1991	Rouillard			
5,078,301	01/07/1992	Gladfelter et al.			
5,080,819	01/14/1992	Morgenson et al.			
5,118,426	06/02/1992	Duncan et al.			
5,122,538	06/16/1992	Lokkesmoe et al.			
5,173,207	12/22/1992	Drapier et al.			
5,223,179	06/29/1993	Connor et al.			
5,234,719	08/10/1993	Richter et al.			
5,254,287	10/19/1993	Debaeuw et al.			
5,290,496	03/01/1994	Cardack et al.			
5,292,525	03/08/1994	Brenden et al.			

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: FEBRUARY 13, 2004

Sheet 4 of 3

FORM 1449® INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)				Docket Number: 163-1204USCJ	Application Number: 10/714,355
				Applicant: LENTSCH ET AL	
				Filing Date: 11/14/2003	Group A/R Unit: 1751

	5,312,561	05/17/1994	Hoshino et al.			
	5,316,688	05/31/1994	Gladfelter et al.			
	5,358,653	10/25/1994	Gladfelter et al.			
	5,382,377	01/17/1995	Rachse et al.			
	5,407,700	04/18/1995	Man et al.			
	5,419,850	05/30/1995	Beckes et al.			
	5,447,648	09/09/1995	Steindorf			
	5,451,336	09/19/1995	Schwadtko et al.			
	5,474,698	12/12/1995	Rolando et al.			
	5,494,817	02/27/1996	Chen			
	5,516,449	05/14/1996	Agar et al.			
	5,539,089	09/24/1996	Hartman et al.			
	5,578,134	11/26/1996	Lentsch et al.			
	5,650,017	07/22/1997	Gordon et al.			
	5,665,694	09/09/1997	Beckes et al.			
	5,691,292	11/25/1997	Marshall et al.			
	5,763,378	06/09/1998	Painier et al.			
	5,858,117	01/12/1999	Oakes et al.			
	5,858,299	01/12/1999	Fernholz et al.			
	5,861,366	01/19/1999	Ihns et al.			
	5,876,514	03/02/1999	Rolando et al.			
	5,990,068	11/23/1999	Brouwer et al.			
	6,008,174	12/28/1999	Brouwer et al.			
	6,017,864	01/25/2000	Brittain et al.			
	6,060,444	05/09/2000	Schulz et al.			
	6,136,769	10/24/2000	Asano et al.			
	6,156,392	12/0/2000	Lentsch et al.			
	6,177,392	01/23/2001	Lentsch et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2B10999	09/21/1978	DE			X	

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: FEBRUARY 13, 2004

Sheet 5 of 5

FORM 1449 [*] INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)			Docket Number: 163.1204USC3	Application Number: 10/714,355
			Applicant: LENTSCH ET AL.	
			Filing Date: 11/14/2003	Group Art Unit: 1751

0 161 596 A2	11/21/1985	EP				X
0 363 852 A1	04/18/1990	EP				
0 364 840 A1	04/23/1990	EP				
0 364 840 B3	08/05/1992	EP				
0 501 375 A1	09/02/1992	EP				
687,075	02/04/1993	GB				
1 596 756	08/26/1981	GB				
2 271 120 A	04/06/1994	GB				
61-87800	03/06/1986	JP				X
9-217100	08/19/1997	JP				Abstract
9217100 A	08/19/1997	JP				
WO 92/02611	02/20/1992	PCT				
WO 92/13061	08/06/1992	PCT				
WO 93/21299	10/28/1993	PCT				
WO 95/18215	07/06/1995	PCT				
WO 96/06910	03/07/1995	PCT				
WO 96/08555	03/21/1996	PCT				
WO 96/41859	12/27/1996	PCT				
WO 97/02753	01/30/1997	PCT				
WO 97/05226	02/13/1997	PCT				
WO 97/07190	02/27/1997	PCT				
WO 98/34285	03/12/1998	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Hawley's Condensed Chemical Dictionary", Twelfth Edition, revised by Richard J. Lewis, Sr., Copyright © 1993 by Van Nostrand Reinhold, pg. 176.



EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.